

Title (en)  
COMBINATION OF HIGH-SIDE AND LOW-SIDE CURRENT CONTROL IN SYSTEM FOR PROVIDING POWER OVER COMMUNICATION LINK

Title (de)  
KOMBINATION VON HIGH-SIDE- UND LOW-SIDE-STROMREGELUNG IN EINEM SYSTEM ZUR STROMVERSORGUNG ÜBER EINE KOMMUNIKATIONSVERBINDUNG

Title (fr)  
COMBINAISON DE COMMANDE DE COURANT HIGH-SIDE ET DE COMMANDE DE COURANT LOW-SIDE DANS UN SYSTEME PERMETTANT DE FOURNIR UNE ALIMENTATION SUR UNE LIAISON DE COMMUNICATION

Publication  
**EP 1961151 B1 20100602 (EN)**

Application  
**EP 06838292 A 20061122**

Priority  

- US 2006045241 W 20061122
- US 74904805 P 20051212
- US 50677906 A 20060821

Abstract (en)  
[origin: WO2007070233A2] A novel system for supplying power to a powered device over a communication link, such as an Ethernet link, has a current control mechanism that combines low-side current control circuitry with high-side current control circuitry. The low-side current control circuitry is coupled to a low-side power supply line for controlling low-side current flowing in the low- side power supply line. The high-side current control circuitry is coupled to a high-side power supply line for controlling high-side current in the high-side power supply line.

IPC 8 full level  
**H04L 12/10** (2006.01)

CPC (source: EP US)  
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